

## REPLACEMENT SHEET

[illegible]

**FIG. 1B CONT.**

## REPLACEMENT SHEET

MGB-CEGP1 int 3.1

**FIG. 1B CONT.**

>CEGP1 intron 5, 2556 bases

MGB-CEGP1 int 4.1

**FIG. 1C**

# REPLACEMENT SHEET

TTAAGATATCACTGCTCAAATAATATTGTTCTGNNNNNNNNNNNNNNNNNNNN  
 NNN  
 NNN  
 AAAAATAAGACCTAGAATCTCACCACATAACCAGCTGTTTCAATTTTTC  
 CATATTCCTATTTAGTTGTTGTTTCATATGCATACACAATTTTACATAGC  
 TATAATCACAGGACAACACAAATATGTAATTAGTTCTTTTGAATTAGAAA  
 AATTACAAAGGGCCTATGTAAATGCAAACACTCCAAAGCATATAAAGAA  
 AACATGCAGTTTCCCGCCTCCCGTTTCCCTTGCCAGAGGTAACCACGGTT  
 AGCAGTTTGATGAATAGATAGTTTGTAGTTGGCTTTTTTCTTTTTGGC  
 CTATCATCAATACATTATATATAGTCTTGATAATTACCAGTTACTGTCA  
 CGTTAATTGTGTGCAGAATCATCCTGTGATTATCCTTCCTTCTAACTAAT  
 CTAGATTGAATCTGATGAGAGAAATTCTGACATATATGTACAAATTAAT  
 ATTGTCTGTTTTATTCCAGCATAAAGTGCTATAGCATTTCCCAAAGCCCC  
 AGTACAGCTGTATTAATAGGTAACTTCTCTAGATAGAACAAGCAGTAG  
 TCTAGAATCTCTTGGTATAATTTCCCTTATATAATAAAGTCTCTCCCC  
 AACTCTCCCATCTCCCTCTTCTGTATGACTTTGTTTAAACCCATGTTTC  
 AGCATTTCTACAATTTGTATTGTAATCTGTCATACAGACACCACAG  
 GGTCTGACTTGGAGTTATGTCTTTCGTNNNNNNNNNNNNNNNNNNNNNNNN  
 NNN  
 AGCCCTGTGTTTGTGGAAATCTCAGTGCTTTATGTATTGATTCATTTTGC  
 TGTCAG (SEQ ID NO.: 3)

FIG. 1C CONT.

>CEGP1 intron 6, 716 bases  
 GTGAGTGGCAACCCCAACTGAGTGAGGGTCTGCACCAGCCTGCCTGTC  
 CCTACCCCTACCCCTTAATGGTGTTTAGCACAGATGCAGGCTGTTTCTTG  
 TGCATTTGCCCCCCCAGCAGGCCCTGTGCTGCTTCGCATGCTACAGTGGG  
 AGTGGTCTAGGCTGTGGGGAAGGCCCTCTCTCCCTGTGTGACCTTGGG  
 AAGCCCTTCTCTCTCTCTGACTAGGCTGCTCCTAACGCTGGTATTCCA  
 GAGACTGGCACAACACCTCCCAGGAGGCCAGGGCAGCACGAAGTTAGAGC  
 TGTTTATAATGATGCGGCACCTTCTGGCCAGCAGGAGCCAGGGCCGTATAT  
 TTCTGGCGGGATGCCTGCCTTGCCCTTCACGGTGTGTCTTCACTAGCTC  
 CATTTTAGAGGTTTCCAGGCCCAAGGCTCTTTTTCTCTCGACTCAGGGG  
 ACTGAAGCTTGCATTCCTAGTGCTCTTTGGTCACTGCAATATACCTCC  
 AAAATCTTTTCCATGTTTAATGTTTGGTAAGGATCTGTGGCCCTTTAAG  
 GGCTGTGTCTCCACAGAGCCTCATTACAACACATTTTATTGCGTGAAC  
 AGAGTCACATATCTTTCATTCTCTTATGTCTGGGATTTCAGCAAACACA  
 GTTGATGAGGATGAGCAATCTAACTCATTAGTCTGAGAACCGTGCTCT  
 TTTGCTTCTCTGTAG (SEQ ID NO.: 4)

CEGP1 int 5.1

FIG. 1D

>FOXMI intron 3, 2041 bases  
 GTAATGTGTCCCACAGCAACCAAAATCAAGGTGAGCCAGCCTGACAGTC  
 TCTCCAGTGTCTGTACTGCAACTTGTATCTGGGACAGCAGTTAAGTGCAA  
 GGACACTAGAATGATAAAACAAATGTATCTTTAGATTGTGACTCAATCTT  
 ATTGAATCCAGGCAAAATCATTAAGAAGAGCTCCTTAACACTTTCATGTG  
 TTACTACCTAAAGTCCATGGAGGGTCTTCAATGTAGCACTCAAGCCCACT  
 TTTCTGCTACACTCAACAGCCGTCCTAGATGCCAGCAGCTAGAGTGGCTA  
 AGTAGTTTTATGAAAATGTCTTGATTAAAAAATGCTGTCTGTGAG  
 CCTCATGACCCAAGATGTCTCTCTGTAGCGTCACATAGCATTTCTAGT  
 GGGCAGGGGTTTTCTTCACTTCATTCTGGAAGACCGAGATGCCTGT  
 GAGTCAACATAGTCAACGAGTTGGTGGTGTGAGGCCACAAATGAGGT  
 CTTCTGACGGGTGCTCAATTCCAAGTCAAGTGTGCTTTGTTTTCTCATG  
 GTAGAACTCNN  
 NNN  
 NNN  
 NNN  
 NNN

FOXMI int 3.2

## MGB-FOXM1 int 7.3

MGB-PRAME int 2.1

GTAAAGTTCGAGCCCTGATTCCTCCGCTCCCCGCGAGGGTGACCTTGGGGCT  
TGTGCCCCCGGACACCACCCCTGTCCCGGGTCCCTGTTTTCTCTCTGGAAA  
TGGGTTGAAGACCAAAGAAAATAATGTGCGCCACTTGGGTCACCCCGGGC  
CGCCTGCCCGGAAAAATTGGCCCCAGTTGAGGAGTTGTGGCTGTAAGGAT  
GCCTTGAACCGAGGCGGCGGTGCTCGTGGTTGGAGCTCTCCAGGGTGGGT  
GCGCATTGTGAATGCGGTGGATGCTCTGGGACTCGGCCCTCTGAAGGTG

## FIG. 1K CONT.

>STK15 intron 2, 1622 bases  
CTAAATTGATAATCTGTATCTCATTCACATTTATAAACCCACATGGAG  
GTGGTCTTGTGCGGGAATTCCTTCCGCCTTTACTTTGGATTAAATTTAG  
ATCCCTTACTGTGATCCTGGATATGAATTAGTCACTTTTCTCGTGTTTAC  
TAACATTTTGTGCTCTTCTTAGATGACTTTTGTGCTGCTTGTCTTAT  
AATCGGCTGCTTAAGTTTCTATATCCCTCCACTGTATGCAGGATAAATAGT  
AATAATGCATCTGGCAGGAGTTCAAAACTTTTAAATTTGGCCATAAATAT  
AAAAATAATTAGAAAAAGGCTACCTTGAATTACTGTATTTGATTCTAAGTT  
CCTATGATAACGGCCATTTAAAAAATTGCTCTATATTTAAATGTTTCTT  
TTTATTTGTCTTTGTCTGAATGCCTGCTGCGTTGTGGACAGTGTGCTAAT  
TTCAGGAGTAAC TGACTTTGTATTTGGAAGTCTTAACACCCTCTCTTTGT  
AGAGCACTCATACCGTTTGAGCTGGGGATGGACTTTGAGGCTTTTCATTCT  
AGCACTTGTCCTCCCTCACTTACAATGAGCTGTTGAAGCTGAAGGAATCTCA  
TCCCTCTCACCCTTTTAGTTTGATTAGCTGAGGCTGTTAGAGTTAACTT  
AACAAATTTAAGGTTGTAATACAGTACTTACAGGCGTATAAATAATACATT

FIG. 1L

## REPLACEMENT SHEET

[illegible]

**FIG. 1L CONT.**

5-STK15 intron 4, 1093 bases

GTAAGCTTTCTTATTTACAAAGTTCTGTACTGTTCTACTAGAATATATTTA  
TTTCGTTGCAAATTCGTTGTGGGAACCTCTGGGGAAAAAATGAGGCCTT  
TATTTGCATTTAGAGGATATAAATGTTTCCAGATTTCCAATCTTAAAAAA  
AATGGAATTTTGTGTAATGAGGTATTTTACTAGGAACTCAAGTGCTTTAA  
AAAATGGCTTTCAAATTTAGAAAAAGCTTGTATGAATCTTTTATAGAAAT  
GTGTGGAAGTTCCTCTCTGTCCTTAGAAATAACCATACATATGGTTTAT  
GCGTGCTGACTTTTTTATTGTACAAAAGTGCAAGTTTTTAAAAAATAGAA  
TATGTTGCAGAACATATATACTCATATATGACTGAGGGTTTTGACAGTATT  
ATAGTTTTAGTTCCTTATTGTAAAGGTTGGCTGTAATGCTTCTCCCAGGG  
CTTTTCTAAAAGCCTCCTCTCAGTCTCTGAACTATCTGGACTCTAGAATG  
TACCGGGAGGAGCGAGGAATGAACCCACAGACTCTTTTGCTTTTAGCGGT  
CTAACAGAGGCTAAGAGTCTAAATCCACTGGTTCTCATGCCCCAGCTAGC  
CTGTGGGCTCCATCCCGCTTCCATTAGTAACAGTGGCTCTGTCTCCACCA  
CCAGAGTGGTTTCCACCCAGAGAGAATTAGCACCTCTGGGACTGGAGGG  
ACGAGCTGGGGTTTAGTTTGAAACATGCCCCAGATGGTCTGGAAGCATT  
CTCCCTCTCTGGTCACTTATCCTTTTTGTGGTCTTCAGCGTTGTCTAGGC  
CCTGTTCTCTGAGCATAGTACGGGCTTGGGACATTTCCCATAGAGTGCT  
TCAGGTCTAAAACCCGAGACTGCTCCTTGTCACTGACTCTCACACCTGAC  
GGCAGCTAGGGACGTCAGGGTTTTCATGTGCTGGCAGCTCTTTGATAGTGG  
TTATTGCCTTGGTTCTTGCTGAGGATGCATATTGAGTGAAGTTGGAATAC  
CAAATTATTTCTAGCAATGTGTCTGCTACTCATTGAAATTTGTTAGAAAA  
GCTTTGTTTTTCTCAATTCTAAAGTGTTCAAATTCCTCCTAG

(SEQ ID NO.: 13)

**FIG. 1M**

MGB-STK15 int 4.1

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
BAG1	NM_004323	NCBI	NM_004323
Bak	NM_001188	NCBI	NM_001188
Bax	NM_004324	NCBI	NM_004324
BBC3	NM_014417	NCBI	NM_014417
BCAR1	NM_014567	NCBI	NM_014567
BCAR3	NM_003567	NCBI	NM_003567
Bcl2	NM_000633	NCBI	NM_000633
BCL2-related	BC017197	NCBI	BC017197
BCL2L10	NM_020396	NCBI	NM_020396
BCL2L11	NM_006538	NCBI	NM_006538
BCL2L12	NM_052842	NCBI	NM_052842
BOX	NM_001191	NCBI	NM_001191
BCRP	NM_004827	NCBI	NM_004827
BECN1	NM_003766	NCBI	NM_003766
BFGF	NM_007083	NCBI	NM_007083
BG675392	BG675392	NCBI	BG675392
BID	NM_001196	NCBI	NM_001196
BIK	NM_001197	NCBI	NM_001197
BIN1	NM_004305	NCBI	NM_004305
BIM	NM_000057	NCBI	NM_000057
BNIP1	NM_013979	NCBI	NM_013979
BNIP2	NM_004330	NCBI	NM_004330
BNIP3	NM_004052	NCBI	NM_004052
BNIP3L	NM_004331	NCBI	NM_004331
BPAG1	NM_015548	NCBI	NM_015548
BRAF	NM_004333	NCBI	NM_004333
BRCA1	NM_007295	NCBI	NM_007295
BRCA2	NM_000059	NCBI	NM_000059
BRK	NM_005975	NCBI	NM_005975
BRMS1	AF159141	NCBI	AF159141
BRS3	NM_001727	NCBI	NM_001727
BTC	NM_001729	NCBI	NM_001729
BTF3	NM_001207	NCBI	NM_001207
BUB1	NM_004336	NCBI	NM_004336
c-abl	NM_005157	NCBI	NM_005157
c-kit	NM_000222	NCBI	NM_000222
c-myb	NM_005375	NCBI	NM_005375
C20 orf1	NM_012112	NCBI	NM_012112
C20orf103	NK-012261	NCBI	NM_012261
c20orf108	NM_080821	NCBI	NM_080821
CA9	NM_001216	NCBI	NM_001216
CACNA2D2	NM_006030	NCBI	NM_006030
Cad17	NM_004063	NCBI	NM_004063
CASP8	NM_033357	NCBI	NM_033357
CCNA2	NM_001237	NCBI	NM_001237
CCNB1	NM_031966	NCBI	NM_031966
CCNB2	NM_004701	NCBI	NM_004701
CCND1	NM_001758	NCBI	NM_001758

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
CCND3	NM_001760	NCBI	NM_001760
CCNE1	NM_001238	NCBI	NM_001238
CCNE2	NM_057749	NCBI	NM_057749
CCNE2 variant 1	NM_057749var1	NCBI	NM_057749
CCNE2 variant 3	NM_004702	NCBI	NM_004702
CD105	NM_000118	NCBI	NM_000118
CD134	NM_003327	NCBI	NM_003327
CD18	NM_000211	NCBI	NM_000211
CD31	NM_000442	NCBI	NM_000442
CD3z	NM_000734	NCBI	NM_000734
CD40	NM_000074	NCBI	NM_000074
CD44E	X55150	NCBI	X55150
CD44s	M59040	NCBI	M59040
CD44v3	AJ251595v3	NCBI	AJ251595v3
CD44v6	AJ251595v6	NCBI	AJ251595v6
CD68	NM_001251	NCBI	NM_001251
CD82	NM_002231	NCBI	NM_002231
CD9	NM_001769	NCBI	NK-001769
CDC20	NM_001255	NCBI	NM_001255
cdc25A	NM_001789	NCBI	NM_001789
CDC25B	NM_021874	NCBI	NM_021874
CDH1	NM_004360	NCBI	NM_004360
CDX2	NM_001265	NCBI	NM_001265
CEACAM6	NM_002483	NCBI	NM_002483
CEGP1	NM_020974	NCBI	NM_020974
CEGP1 intron 1	NM_020974int1	NCBI	NM_020974int1
CEGP1 intron 2	NM_020974int2	NCBI	NM_020974int2
CEGP1 intron 3	NM_020974int3	NCBI	NM_020974int3
CEGP1 intron 4	NM_020974int4	NCBI	NM_020974int4
CEGP1 intron 5	NM_020974int5	NCBI	NM_020974int5
CEGP1 intron 7	NM_020974int7	NCBI	NM_020974int7
CGA	NM_001275	NCBI	NM_001275
CHAF1B	NM_005441	NCBI	NM_005441
chk1	NM_001274	NCBI	NM_001274
chk2	NM_007194	NCBI	NM_007194
CIAP1	NM_001166	NCBI	NM_001166
CIAP2	NM_001165	NCBI	NM_001165
CKAP4	NM_006825	NCBI	NM_006825
Claudin	4 NM_001305	NCBI	NM_001305
cMet	NM_000245	NCBI	NM_000245
cMYC	NM_002467	NCBI	NM_002467
CNN	NM_001299	NCBI	NM_001299
COL1A1	NM_000088	NCBI	NM_000088
COL1A2	NM_000089	NCBI	NM_000089
Contig 27882	AK000618	NCBI	AK000618
Contig 36744	XM_087225	NCBI	XM-087225
Contig 51037	XM_058945	NCBI	XM_058945
Contig38438	AI744123	NCBI	AI744123



FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHfallgenes2-03.txt Accession Number
Contig44799	Contig44799	Rosetta Contigs	Contig44799
Contig46653	Contig46653	Rosetta Contigs	Contig46653
Contig47405	Contig47405	Rosetta Contigs	Contig47405
COX2	NM_000963	NCBI	NM_000963
CRBP	NM_002899	NCBI	NM_002899
cripto	NM_003212	NCBI	NM_003212
CRK7	NM_016507	NCBI	NM_016507
CRMP1	NM_001313	NCBI	NM_001313
CSF1	NM_000757	NCBI	NM_000757
CSF1R	NM_005211	NCBI	NM_005211
CSF3	NM_000759	NCBI	NM_000759
CSNK1D	NM_001893	NCBI	NM_001893
CSTF1	NM_001324	NCBI	NM_001324
CTSB	NM_001908	NCBI	NM_001908
CTSD	NM_001909	NCBI	NM_001909
CTSH	NM_004390	NCBI	NM_004390
CTSL	NM_001912	NCBI	NM_001912
CTSL2	NM_001333	NCBI	NM_001333
Cyclin C	NM_005190	NCBI	NM_005190
Cyclin G1	NM_004060	NCBI	NM_004060
Cyclin G2	NM_004354	NCBI	NM_004354
Cyclin K	BC015935	NCBI	BC015935
CYP	NM_006347	NCBI	NM_006347
CYP11B1	NM_000497	NCBI	NM_000497
CYP17	NM_000102	NCBI	NM_000102
CYP1A1	NM_000499	NCBI	NM_000499
CYP1A2	NM_000761	NCBI	NM_000761
CYP181	NM_000104	NCBI	NM_000104
CYP21A2	NM_000500	NCBI	NM_000500
CYP24	NM_000782	NCBI	NM_000782
CYP27A1	NM_000784	NCBI	NM_000784
CYP27B1	NM_000785	NCBI	NM_000785
CYP2A13	NM_000766	NCBI	NM_000766
CYP2A6	NM_000762	NCBI	NM_000762
CYP2A7	NM_000764	NCBI	NM_000764
CYP2A7	NM_030589	NCBI	NM_030589
CYP2C18	NM_000772	NCBI	NM_000772
CYP2C19	NM_000769	NCBI	NM_000769
CYP2C8	NM_030878	NCBI	NM_030878
CYP2C8	NM_000770	NCBI	NM_000770
CYP2C9	NM_000771	NCBI	NM_000771
CYP2D6	NM_000106	NCBI	NM_000106
CYP2E	NM_000773	NCBI	NM_000773
CYP2F1	NM_000774	NCBI	NM_000774
CYP2S1	NM_030622	NCBI	NM_030622
CYP3A1	NM_016593	NCBI	NM_016593
CYP3A4	NM_017460	NCBI	NM_017460
CYP3A43	NM_022820	NCBI	NM_022820

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
CYP4F12	NM_023944	NCBI	NM_023944
CYP4F2	NM_001082	NCBI	NM_001082
CYP51	NM_000786	NCBI	NM_000786
CYP7A1	NM_000780	NCBI	NM_000780
CYP7B1	NM_004820	NCBI	NM_004820
CYP8B1	NM_004391	NCBI	NM_004391
DAPK1	NM_004938	NCBI	NM_004938
DBC2	NM_015178	NCBI	NM_015178
DCC_exons18-23	X76132-18-23	NCBI	X76132_18-23
DCC_exons6-7	X76132_6-7	NCBI	X76132_6-7
DCK	NM_000788	NCBI	NM_000788
DCR3	NM_016434	NCBI	NM_016434
DHFR	NM_000791	NCBI	NM_000791
DHPS	NM_013407	NCBI	NM_013407
DIABLO	NM_019887	NCBI	NM_019887
DKFZp564	XM_047080	NCBI	XM_047080
DKFZp586M0723	AL050227	NCBI	AL050227
DNMT3A	NM_022552	NCBI	NM_022552
DPYD	NM_000110	NCBI	NM_000110
DR4	NM_003844	NCBI	NM_003844
DR5	NM_003842	NCBI	NM_003842
E2F1	NM_005225	NCBI	NM_005225
EDN1 endothelin	NM_001955	NCBI	NM_001955
EGF	NM_001963	NCBI	NM_001963
EGFR	NM_005228	NCBI	NM_005228
EGFRd27	EGFRd27	GHI Custom	EGFRd27
EIF4E	NM_001968	NCBI	NM_001968
EIF4EL3	NM_004846	NCBI	NM_004846
EMP1	NM_001423	NCBI	NM_001423
EMS1	NM_005231	NCBI	NM_005231
EN01	NM_001428	NCBI	NM_001428
EpCAM	NM_002354	NCBI	NM_002354
EPHX1	NM_000120	NCBI	NM_000120
ER2	NM_001437	NCBI	NM_001437
ErbB3	NM_001982	NCBI	NM_001982
ERBB4	NM_005235	NCBI	NM_005235
ERCC1	NM_001983	NCBI	NM_001983
EREG	NM_001432	NCBI	NM_001432
ERK1	Z11696	NCBI	Z11696
ERK2	NM_002745	NCBI	NM_002745
ERRa	NM_004451	NCBI	NM_004451
ESM1	NM_007036	NCBI	NM_007036
EstR1	NM_000125	NCBI	NM_000125
F2	NM_000506	NCBI	NM_000506
F2R	NM_001992	NCBI	NM_001992
F2RL2	NM_004101	NCBI	NM_004101
fas	NM_000043	NCBI	NM_000043
fas1	NM_000639	NCBI	NM_000639

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	Accession Number
FBXO5	NM_012177	NCBI	NM_012177
FGF 19	NM_005117	NCBI	NM_005117
FGF1	NM_000800	NCBI	NM_000800
FGF18	NM_003862	NCBI	NM_003862
FGF2	NM_002006	NCBI	NM_002006
FGF8	NM_033163	NCBI	NM_033163
FGFR 2	NM_023028	NCBI	NM_023028
FGFR 3	NM_000142	NCBI	NM_000142
FGFR1	NM_023109	NCBI	NM_023109
FGFR4	NM_002011	NCBI	NM_002011
FHIT	NM_002012	NCBI	NM_002012
FKBP4	NM_002014	NCBI	NM_002014
FL310713	NM_018189	NCBI	NM_018189
FLJ20354	NM_017779	NCBI	NM_017779
FLT1	NM_002019	NCBI	NM_002019
FN1	NM_002026	NCBI	NM_002026
FOLR1	NM_016730	NCBI	NM_016730
FOXM1	NM_021953	NCBI	NM_021953
FOXM1 intron 3	NM_021953 int3	NCBI	NM_021953 int3
FOXM1 intron 4	NM_021953 int4	NCBI	NM_021953 int4
FOXM1 intron 5	NM_021953 int5	NCBI	NM_021953 int5
FOXM1 intron 7	NM_021953 int7	NCBI	NM_021953 int7
FPPS	NM_002004	NCBI	NM_002004
FRP1	NM_003012	NCBI	NM_003012
Furin	NM_002569	NCBI	NM_002569
FUS	NM_004960	NCBI	NM_004960
FUT1	NM_000148	NCBI	NM_000148
FUT2	NM_000511	NCBI	NM_000511
G-Catenin	NM_002230	NCBI	NM_002230
GAMMA	NM_003890	NCBI	NM_003890
GAPDH	NM_002046	NCBI	NM_002046
GATA3	NM_002051	NCBI	NM_002051
GCLC	NM_001498	NCBI	NM_001498
GCLM	NM_002061	NCBI	NM_002061
GGPS1	NM_004837	NCBI	NM_004837
GGT	X98922	NCBI	X98922
gpl30	NM_002184	NCBI	NM_002184
GPC1	NM_002081	NCBI	NM_002081
GPC3	NM_004484	NCBI	NM_004484
GPX1	NM_000581	NCBI	NM_000581
GPX2	NM_002083	NCBI	NM_002083
GPX3	NM_002084	NCBI	NM_002084
GPX4	NM_002085	NCBI	NM_002085
GRB7	NM_005310	NCBI	NM_005310
GRO1	NM_001511	NCBI	NM_001511
GRP	NM_002091	NCBI	NM_002091
GRPR	NM_005314	NCBI	NM_005314
GSN	NM_000177	NCBI	NM_000177

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
GSTM1	NM_000561	NCBI	NM_000561
GSTM3	NM_000849	NCBI	NM_000849
GSTp	NM_000852	NCBI	NM_000852
GSTT1	NM_000853	NCBI	NM_000853
GSTT2	NM_000854	NCBI	NM_000854
GUS	NM_000181	NCBI	NM_000181
H2AFZ	NM_002106	NCBI	NM_002106
Ha-Ras	NM_005343	NCBI	NM_005343
HB-EGF	NM_001945	NCBI	NM_001945
hCRA a	U78556	NCBI	U78556
hENT1	NM_004955	NCBI	NM_004955
Hepsin	NM_002151	NCBI	NM_002151
HER2	NM_004448	NCBI	NM_004448
her2P	J05264	NCBI	J05264
HGF	M29145	NCBI	M29145
HIF1A	NM_001530	NCBI	NM_001530
HLA-DPB1	NM_002121	NCBI	NM_002121
HLA-G	NM_002127	NCBI	NM_002127
HNF3A	NM_004496	NCBI	NM_004496
HNRPAB	NM_004499	NCBI	NM_004499
HOXA5	NM_019102	NCBI	NM_019102
HOXB7	NM_004502	NCBI	NM_004502
IBSP	NM_004967	NCBI	NM_004967
Id-3	NM_002167	NCBI	NM_002167
ID1	NM_002165	NCBI	NM_002165
ID2	NM_002166	NCBI	NM_002166
IER3	NM_052815	NCBI	NM_052815
IGF1	NM_000618	NCBI	NM_000618
IGF1R	NM_000875	NCBI	NM_000875
IGF2	NM_000612	NCBI	NM_000612
IGFBP1	XM004688	NCBI	XM_004688
IGFBP2	NM_000597	NCBI	NM_000597
IGFBP2(XM)	XM_002636	NCBI	XM_002636
IGFBP3	NM_000598	NCBI	NM_000598
IGFBP4	XM_049937	NCBI	XM_049937
IGFBP5	AY052629	NCBI	AY052629
IGFBP5	NM_000599	NCBI	NM_000599
IGFBP6	NM_002178	NCBI	NM_002178
IGFBP7	NM_001553	NCBI	NM_001553
IL10	NM_000572	NCBI	NM_000572
IL6	NM_000600	NCBI	NM_000600
ILT-2	NM_006669	NCBI	NM_006669
ING1	NM_005537	NCBI	NM_005537
INSM1	NM_002196	NCBI	NM_002196
IRS1	NM_005544	NCBI	NM_005544
ITGA3	NM_002204	NCBI	NM_002204
ITGA7	NM_002206	NCBI	NM_002206
ITGB3	NM_000212	NCBI	NM_000212

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
k-ras	NM_033360	NCBI	NM_033360
KB1527G9 8q23	KB1527G9	NCBI	KB1527G9
KDR	NM_002253	NCBI	NM_002253
Ki-67	NM_002417	NCBI	NM_002417
KIAA1209	AJ420468	NCBI	AJ420468
Kitlng	NM_000899	NCBI	NM_000899
KLK10	NM_002776	NCBI	NM_002776
KLK11	NM_006853	NCBI	NM_006853
KNSL2	BC000712	NCBI	BC000712
KRT 4	NM_002272	NCBI	NM_002272
KRT14	NM_000526	NCBI	NM_000526
KRT17	NM_000422	NCBI	NM_000422
KRT18	NM_000224	NCBI	NM_00.0224
KRT19	NM_002276	NCBI	NM_002276
KRT5	NM_000424	NCBI	NM_000424
KRT8	NM_002273	NCBI	NM_002273
LAMC2	NM_005562	NCBI	NM_005562
LAMP2	NM_013995	NCBI	NM_013995
LMNB1	NM_005573	NCBI	NM_005573
LMYC	NM_012421	NCBI	NM_012421
LOC51038	NM_015858	NCBI	NM_015858
LOT1 variant 1	NM_002656	NCBI	NM_002656
Lot1 variant 2	NM_006718	NCBI	NM_006718
LPL	NM_000237	NCBI	NM_000237
LTA	NM_000595	NCBI	NM_000595
M20259	M20259	NCBI	M20259
MAGEE 1	NM_016249	NCBI	NM_016249
MAPK4	NM_002747	NCBI	NM_002747
Maspin	NM_002639	NCBI	NM_002639
MCJ	NM_013238	NCBI	NM_013238
MCL1	NM_021960	NCBI	NM_021960
MCM2	NM_004526	NCBI	NM_004526
MCM3	NM_002388	NCBI	NM_002388
MCM6	NM_005915	NCBI	NM_005915
MCM7	NM_005916	NCBI	NM_005916
MCP1	NM_002982	NCBI	NM_002982
MDM2	NM_002392	NCBI	NM_002392
MDS028	NM_018463	NCBI	NM_018463
MEL	NM_005370	NCBI	NM_005370
MELK	NM_014791	NCBI	NM_014791
Mgb1	NM_002411	NCBI	NM_002411
MGMT	NM_002412	NCBI	NM_002412
MGST1	NM_020300	NCBI	NM_020300
MLH1	NM_000249	NCBI	NM_000249
MLL	NM_005933	NCBI	NM_005933
MMP12	NM_002426	NCBI	NM_002426
MMP2	NM_004530	NCBI	NM_004530
MMP9	NM_004994	NCBI	NM_004994

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
MRP1	NM_004996	NCBI	NM_004996
MRP2	NM_000392	NCBI	NM_000392
MRP3	NM_003786	NCBI	NM_003786
MRP4	NM_005845	NCBI	NM_005845
MSH2	NM_000251	NCBI	NM_000251
MSH3	NM_002439	NCBI	NM_002439
MSH6	NM_000179	NCBI	NM_000179
MT3	NM_005954	NCBI	NM_005954
MTA1	NM_004689	NCBI	NM_004689
MUC1	NM_002456	NCBI	NM_002456
MUC1	J05582	NCBI	J05582
MUC3	AF007194	NCBI	AF007194
MVP	NM_017458	NCBI	NM_017458
MYBL2	NM_002466	NCBI	NM_002466
MYH11	NM_002474	NCBI	NM_002474
MYLK	NM_053025	NCBI	NM_053025
MYRIP	NM_015460	Incyte Diagnostic	NM_015460
NADPHP450	AF258341	NCBI	AF258341
NCAM1	NM_000615	NCBI	NM_000615
NEK2	NM_002497	NCBI	NM_002497
NFKBp50	NM_003998	NCBI	NM_003998
NFKBp65	NM_021975	NCBI	NM_021975
NMB	NM_021077	NCBI	NM_021077
NMBR	NM_002511	NCBI	NM_002511
NME1	NM_000269	NCBI	NM_000269
NMU	NM_006681	NCBI	NM_006681
NMYC	NM_005378	NCBI	NM_005378
NPDO09	NM_020686	NCBI	NM_020686
NR4A1	NM_002135	NCBI	NM_002135
NRG1	NM_013957	NCBI	NM_013957
NRP1	NM_003873	NCBI	NM_003873
NRP2	NM_003872	NCBI	NM_003872
ODC1	NM_002539	NCBI	NM_002539
OPN, osteopontin	NM_000582	NCBI	NM_000582
ORC3	NM_012381	NCBI	NM_012381
Osteonectin	NM_003118	NCBI	NM_003118
P14ARF	S78535	NCBI	S78535
p14ARF	NM_000077P14	NCBI	NM_000077
p16-INK4	L27211	NCBI	L27211
P161NK4	NM_000077	NCBI	NM_000077
p21	NM_000389	NCBI	NM_000389
p27	NM_004064	NCBI	NM_004064
P40	NM_006824	NCBI	NM_006824
P53	NM_000546	NCBI	NM_000546
p53R2	AB036063	NCBI	AB036063
p63	NM_003722	NCBI	NM_003722
P66	AB032976	NCBI	AB032976
PAI1	NM_000602	NCBI	NM_000602

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
PBGD	X04217	NCBI	X04217
PCNA	NM_002592	NCBI	NM_002592
PCP4	NM_006198	NCBI	NM_006198
PDGFA	NM_002607	NCBI	NM_002607
PDGFB	NM_002608	NCBI	NM_002608
PDGFC	NM_016205	NCBI	NM_016205
PDGFD	NM_025208	NCBI	NM_025208
PDGFRa	NM_006206	NCBI	NM_006206
PDGFRb	NM_002609	NCBI	NM_002609
PECI	NM_006117	NCBI	NM_006117
PGK1	NM_000291	NCBI	NM_000291
P13K	NM_002646	NCBI	NM_002646
P13Kc2A	NM_002645	NCBI	NM_002645
PIK3R1	M61906	NCBI	M61906
Pin1	NM_006221	NCBI	NM_006221
PKCe	NM_005400	NCBI	NM_005400
PKLR	NM_000298	NCBI	NM_000298
PLAUR	NM_002659	NCBI	NK-002659
PLK	NM_005030	NCBI	NM_005030
PMS1	NM_000534	NCBI	NM_000534
PMS2	NM_000535	NCBI	NM_000535
PPARG	NM_005037	NCBI	NM_005037
PPM1D	NM_003620	NCBI	NM_003620
PR	NM_000926	NCBI	NM_000926
PRAME	NM_006115	NCBI	NM_006115
PRAME intron 1	NM_006115int1	NCBI	NM_006115int1
PRAME intron 2	NM_006115int2	NCBI	NM_006115int2
PRAME intron 3	NM_006115int3	NCBI	NM_006115int3
PRAME intron 4	NM_006115int4	NCBI	NM_006115int4
PRAME intron 5	NM_006115int5	NCBI	NM_006115int5
PREP	NM_002726	NCBI	NM_002726
PRKCD	NM_006254	NCBI	NM_006254
PRKCG	NM_002739	NCBI	NM_002739
PR02000	NM_014109	NCBI	NM_014109
pS2	NM_003225	NCBI	NM_003225
PTDO16	NM_016125	NCBI	NM_016125
PTEN	NM_000314	NCBI	NM_000314
PTHLH	NM_002820	NCBI	NM_002820
PTPD1	NM_007039	NCBI	NM_007039
PTTG1	NM_004219	NCBI	NM_004219
PUNC	AK095529	NCBI	AK095529
Q9BQI9	NM_031474	NCBI	NM_031474
Q9BSD3	NM_031465	NCBI	NM_031465
RAB27B	NM_004163	NCBI	NM_004163
RAD51C	NM_058216	NCBI	NM_058216
RAD54L	NM_003579	NCBI	NM_003579
RANBP2	NM_006267	NCBI	NM_006267
RARA	NM_000964	NCBI	NM_000964

FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
RARB	NM_016152	NCBI	NM_016152
RASSF1	NM_007182	NCBI	NM_007182
RB1	NM_000321	NCBI	NM_000321
RBM5	NM_005778	NCBI	NM_005778
RBP4	NM_006744	NCBI	NM_006744
RERG	NM_032918	NCBI	NM_032918
RFC	NM_003056	NCBI	NM_003056
RFC4	NM_002916	NCBI	NM_002916
rhoc	NM_005167	NCBI	NM_005167
RIZ1	NM_012231	NCBI	NM_012231
RNase P	RNaseP	GHI Custom	RNaseP
RPL19	NM_000981	NCBI	NM_000981
RPLPO	NM_001002	NCBI	NM_001002
RPS6KB1	NM_003161	NCBI	NM_003161
RRM1	NM_001033	NCBI	NM_001033
RUNX1	NM_001754	NCBI	NM_001754
SDC1	NM_002997	NCBI	NM_002997
SEMA3B	NM_004636	NCBI	NM_004636
SEMA3F	NM_004186	NCBI	NM_004186
SERPINC1	NM_000488	NCBI	NM_000488
SIR2	NM_012238	NCBI	NM_012238
SLC19A3	NM_025243	NCBI	NM_025243
SLC20A1	NM_005415	NCBI	NM_005415
SLC2A3	NM_006931	NCBI	NM_006931
Smad4	NM_005359	NCBI	NM_005359
SNRPF	NM_003095	NCBI	NM_003095
SPRY1	AK026960	NCBI	AK026960
SPRY2	NM_005842	NCBI	NM_005842
Src	NM_004383	NCBI	NM_004383
STAT1	NM_007315	NCBI	NM_007315
STAT3	NM_003150	NCBI	NM_003150
STAT5A	NM_003152	NCBI	NM_0031-52
STAT5B	NM_012448	NCBI	NM_012448
STC1	NM_003155	NCBI	NM_003155
STC2	AK027663	NCBI	AK027663
STC2	NM_003714	NCBI	NM_003714
STK11	NM_000455	NCBI	NM_000455
STK15	NM_003600	NCBI	NM_003600
STK15 intron 1	NM_003600int1	NCBI	NM_003600int1
STK15 intron 2	NM_003600int2	NCBI	NM_003600int2
STK15 intron 3	NM_003600int3	NCBI	NM_003600int3
STK15 intron 4	NM_003600int4	NCBI	NM_003600int4
STK15 intron 6	NM_003600int6	NCBI	NM_003600int6
STMY3	NM_005940	NCBI	NM_005940
SUHW1	NM_080740	NCBI	NM_080740
SURF6	NM_006753	NCBI	NM_006753
Surfact A1	NM_005411	NCBI	NM_005411
SURV	NM_001168	NCBI	NM_001168



FIG. 6 CONT.

Gene Name	Sequence ID	Sequence Source	GHIallgenes2-03.txt Accession Number
SXR	NM_003889	NCBI	NM_003889
SYK	NM_003177	NCBI	NM_003177
TAGLN	NM_003186	NCBI	NM_003186
TBD	NM_016261	NCBI	NM_016261
TBP	NM_003194	NCBI	NM_003194
TBX2	NM_005994	NCBI	NM_005994
TEK	NM_000459	NCBI	NM_000459
TERC	U86046	NCBI	U86046
TERT	NM_003219	NCBI	NM_003219
TFF3	NM_003226	NCBI	NM_003226
TFRC	NM_003234	NCBI	NM_003234
TGFA	NM_003236	NCBI	NM_003236
TGFb1	NM_000660	NCBI	NM_000660
TGFB3	NM_003239	NCBI	NM_003239
TGFB2	NM_003242	NCBI	NM_003242
Thrombospondin 1	NM_003246	NCBI	NM_003246
Thymosin B	NM_021992	NCBI	NM_021992
TIE	NM_005424	NCBI	NM_005424
TIMP1	NM_003254	NCBI	NM_003254
TIMP2	NM_003255	NCBI	NM_003255
TIMP3	NM_000362	NCBI	NM_000362
TITF1	NM_003317	NCBI	NM_003317
TJP1	NM_003257	NCBI	NM_003257
TK1	NM_003258	NCBI	NM_003258
TNF	NM_000594	NCBI	NM_000594
TNFRSF11A	NM_003839	NCBI	NM_003839
TNFRSF11B	NM_002546	NCBI	NM_002546
TNFSF11	NM_003701	NCBI	NM_003701
TNFSF11	NM_033012	NCBI	NM_033012
TOP2A	NM_001067	NCBI	NM_001067
TOP2AF	AF071738	NCBI	AF071738
TOP2B	NM_001068	NCBI	NM_001068
TP	NM_001953	NCBI	NM_001953
TP53BP1	NM_005657	NCBI	NM_005657
TP53BP2	NM_005426	NCBI	NM_005426
TRAIL	NM_003810	NCBI	NM_003810
TS	NM_001071	NCBI	NM_001071
TSC2	NM_000548	NCBI	NM_000548
TULP3	NM_003324	NCBI	NM_003324
upa	NM_002658	NCBI	NM_002658
VCAM1	NM_001078	NCBI	NM_001078
VDR	NM_000376	NCBI	NM_000376
VEGF	NM_003376	NCBI	NM_003376
VEGFB	NM_003317	NCBI	NM_003377
VEGFC	NM_005429	NCBI	NM_005429
vim	NM_003380	NCBI	NM_003380
WISP1	NM_003882	NCBI	NM_003882
Wnt-5a	NM_003392	NCBI	NM_003392

**FIG. 6 CONT.**

<b>Gene Name</b>	<b>Sequence ID</b>	<b>Sequence Source</b>	<b>GHIallgenes2-03.txt Accession Number</b>
Wnt-5b	NM_032642	NCBI	NM_032642
wwox	NM_016373	NCBI	NM_016373
XIAP	NM_001167	NCBI	NM_001167
XIST	M97168	NCBI	M97168
YB-1	NM_004559	NCBI	NM_004559
ZNF217	NM_006526	NCBI	NM_006526

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